

Высококачественные термометры с термопарами

Технические характеристики

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THERMOCOUPLE PROBES

High quality thermocouple thermometers should be coupled with the most in the foodservice industry and are well suited for numerous tasks. Each probe resistant cables. Probes are designed and built to the highest standards allowing

Surface probes are suitable for measuring temperatures on a variety of surfaces.

Note: The major source of error in reading surface temperature is obtaining or grease to improve heat transfer; 2) use a large contact area and 3) press the

- ▶ **MOST EXTENSIVE PROBE LINE IN THE INDUSTRY**
- ▶ **ALL PROBES MANUFACTURED IN AN ISO 9001:2008 FACILITY**



50012-K
Swiveling bell sensor self-orientes to the surface for superior contact.



50014-K
Weighted probe allows for hands-free use



	31907-K	50001-K	
	Bell Surface Probe	Right Angle Flat Surface Probe	
Temperature Range:	-40° to 400°F (-40° to 205°C)	-40° to 400°F (-40° to 205°C)	
Max Tip Temperature:	400°F (205°C)	400°F (205°C)	
Max Cable Temperature:	400°F (205°C)	400°F (205°C)	
Response Time:	5 seconds (oiled surface)	7 seconds (oiled surface)	
Shaft Length:	4" (102 mm)	9" (229 mm)	
Cable Length Max Extended:	24" (610 mm) Silicone Jacket	30" (762 mm) Flexible Armored Cable	
Weight:	1 oz (28 g)	6 oz (170 g)	
Warranty:	1 Year	1 Year	

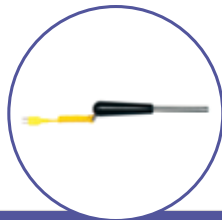
appropriate probe for the application. Cooper-Atkins' thermocouple probes are the most extensive line you will find is designed by Cooper-Atkins engineers, manufactured in our U.S. facility and built with high-temperature, abrasion-for probe interchangeability with minimal impact on total system accuracy.

Griddles or grills should be checked frequently to ensure that proper cooking temperatures are maintained.

adequate heat transfer from the surface into the measuring probe tip. To reduce this error: 1) use a small amount of oil probe's tip firmly against the measuring surface.

▶ **CUSTOM MANUFACTURING AVAILABLE FOR UNIQUE APPLICATIONS**

Surface



50012-K	50014-K	50318-K	50319-K
120° Angle Surface Probe	Weighted Griddle Surface Probe	Ceramic Tip Straight Stem	Ceramic Tip - Right Angled
-40° to 500°F (-40° to 260°C)	-40° to 500°F (-40° to 260°C)	-40° to 1202°F (-40° to 650°C)	-40° to 1202°F (-40° to 650°C)
500°F (260°C)	500°F (260°C)	1202°F (650°C)	1202°F (650°C)
176°F (80°C)	400°F (205°C)	176°F (80°C)	176°F (80°C)
4 seconds (oiled surface)	2 seconds (oiled surface)	1 second (oiled surface)	1 second (oiled surface)
4.5" (114 mm)	-	4" (102 mm)	5" (127 mm)
48" (1.2 m)	30" (762 mm) Flexible Armored Cable	48" (1.2 m) Polyurethane Jacket	48" (1.2 m) w/ Polyurethane Jacket
5 oz (142 g)	2 lb (907 g)	5 oz (142 g)	6 oz (170 g)
1 Year	1 Year	1 Year	1 Year

THERMOCOUPLE PROBES

High quality thermocouple thermometers should be coupled with the most in the foodservice industry and are well suited for numerous tasks. Each probe resistant cables. Probes are designed and built to the highest standards allowing

These probes are suitable for measuring air temperatures. Some are clip for attaching the sensor inside freezers, coolers or ovens.

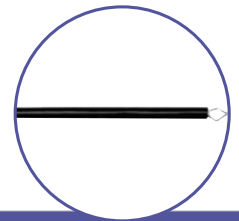
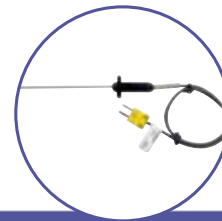
- ▶ **MOST EXTENSIVE PROBE LINE IN THE INDUSTRY**
- ▶ **ALL PROBES MANUFACTURED IN AN ISO 9001:2008 FACILITY**



50306-K
Oven/Cooler/Freezer
Probe w/ Clip



NOTE: AIR HAS A LOW THERMAL CONDUCTIVITY AND DENSITY WHICH RESULTS IN SLOWER PROBE RESPONSE TIMES. TO ACHIEVE A MORE RAPID RESPONSE IN AIR TEMPERATURE, WAVE THE PROBE TIP BACK AND FORTH TO CREATE AIR MOTION ACROSS THE PROBE TIP.



	31903-K	31905-K	
	Hand-Held Air Probe	Bare Tip Probe	
Temperature Range:	-40° to 400°F (-40° to 205°C)	-40° to 400°F (-40° to 205°C)	
Max Tip Temperature:	400°F (205°C)	400°F (205°C)	
Max Cable Temperature:	400°F (205°C)	400°F (205°C)	
Response Time:	9 seconds in 5 m/sec. air	1 sec. (liquid) 3 sec. 5 m/ sec. air	
Shaft Length:	4" (102 mm)	-	
Cable Length Max Extended:	24" (610 mm) Silicone Jacket	24" (610 mm) Silicone Jacket	
Weight:	1 oz (28 g)	1 oz (28 g)	
Warranty:	1 year	1 year	

appropriate probe for the application. Cooper-Atkins' thermocouple probes are the most extensive line you will find is designed by Cooper-Atkins engineers, manufactured in our U.S. facility and built with high-temperature, abrasion- for probe interchangeability with minimal impact on total system accuracy.

designed to measure ambient temperature, while other models monitor internal temperatures and include a

▶ **CUSTOM MANUFACTURING AVAILABLE FOR UNIQUE APPLICATIONS**

Air and Ambient

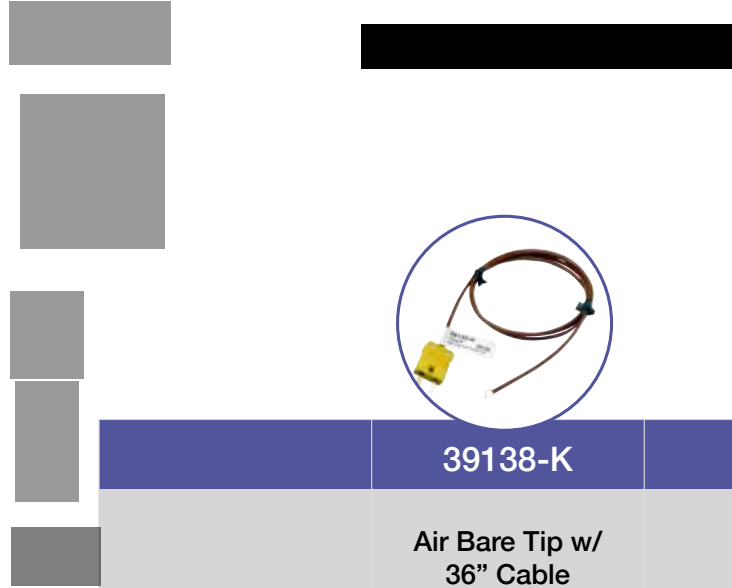
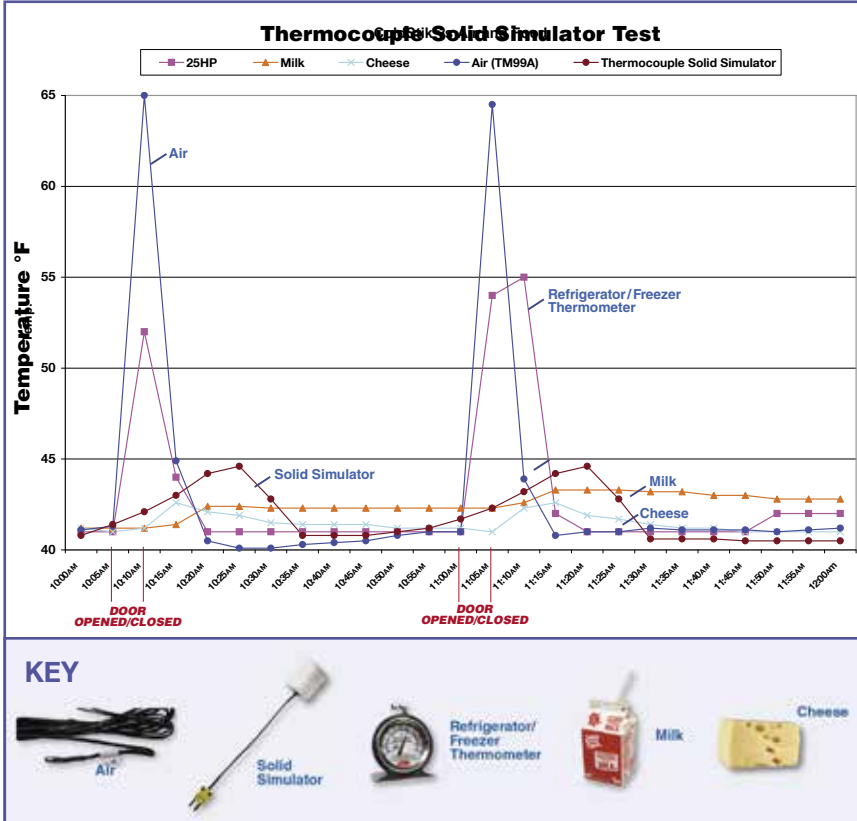


39032-K	49138-K	50302-K	50306-K	50332-K
Hand-Held Air Probe - Straight Cable	Bare Tip w/ 48" Cable	Air Probe w/ Shield/Clip	Oven/Cooler/Freezer Probe w/ Clip	Hand-Held Air Probe - Coil Cable
-328° to 400°F (-200° to 205°C)	32° to 896°F (0° to 480°C)	32° to 896°F (0° to 480°C)	-100° to 600°F (-73° to 316°C)	-100° to 500°F (-73° to 260°C)
400°F (205°C)	896°F (480°C)	896°F (480°C)	600°F (316°C)	500°F (260°C)
400°F (205°C)	896°F (480°C)	896°F (480°C)	600°F (316°C)	176°F (80°C)
11 seconds in 5 m/sec. air steam	1 second (liquid) 9 sec. 5 m/sec. air	1 second (liquid) 10 sec. 5 m/second air	1 second (liquid) 10 sec. 5 m/second air	10 seconds in 5 m/sec. air
4" (102 mm)	-	2.125" (54 mm)	2.125" (54 mm)	4" (102 mm)
36" (914 mm) FEP Cable	48" (1.2 m) Fiberglass Jacket	46.5" (1.2 m) Fiberglass Jacket	43" (1.1 m) Stainless Steel Overbraid	48" (1.2 m) Polyurethane Jacket
1 oz (28 g)	1 oz (28 g)	1 oz (28 g)	1 oz (28 g)	2 oz (57 g)
1 year	1 year	1 year	1 year	1 year

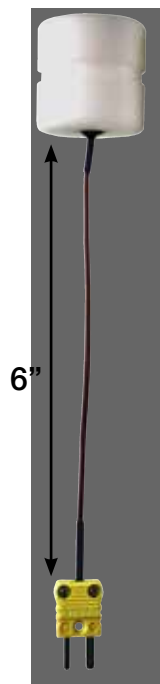
THERMOCOUPLE PROBES

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	39138-K	
	Air Bare Tip w/ 36" Cable	
Temperature Range:	-328° to 400°F (-200° to 205°C)	
Max Tip Temperature:	400°F (205°C)	
Max Cable Temperature:	400°F (205°C)	
Response Time:	1 sec. liquid & 7 sec. 5 m/sec. air	
Shaft Length:	-	
Cable Length Max Extended:	36" (914 mm) FEP Jacket	
Weight:	1 oz (28 g)	
Warranty:	1 year	



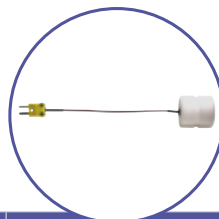
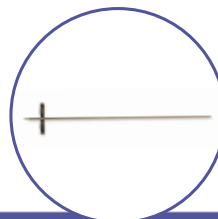
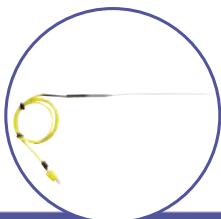
52048-K
 Thermocouple Solid Simulator Simulates food product temperature. Mounted with a cable-tie.

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that can be custom-designed for specific needs. For information on any item not shown or listed here, please contact

▶ **CUSTOM MANUFACTURING AVAILABLE FOR UNIQUE APPLICATIONS**

Miscellaneous Probes



	49138-K	50305-K	50415-K	50416-K	50701-K	52048-K
	Air Bare Tip w/ 48" Cable	Mountable Freezer/Cooler Probe	Dishwasher Probe	Air Probe Bare Tip 15' Cable	Combo Probe - Heavy Duty T-Handle	Solid Simulator
	32° to 896°F (0° to 480°C)	-40° to 400°F (-40° to 205°C)	-67° to 221°F (-55° to 105°C)	-328° to 400°F (-200° to 205°C)	-100° to 500°F (-73° to 260°C)	-40° to 180°F (-40° to 82°C)
	896°F (480°C)	400°F (205°C)	221°F (105°C)	400°F (205°C)	500°F (260°C)	180°F (82°C)
	896°F (480°C)	176°F (80°C)	221°F (105°C)	400°F (205°C)	400°F (205°C)	-
	1 second liquid 9 sec. 5 m/sec. air	25 seconds air	9 seconds in 5 m/sec. air	1 sec. liquid & 7 sec. 5 m/sec. air	2 seconds liquid	Stabilization of Simulator - up to 2 hours
	-	-	-	-	35" (889 mm)	-
	48" (1.2 m) Fiberglass Jacket	24" (610 mm) FEP Jacket	15' (4.6 m) PVC Jacket	15' (4.6 m) FEP Jacket	36" (914 mm) Fluoroelastomer Jacket	6" (152 mm) FEP Jacket
	1 oz (28 g)	3 oz (85 g)	3 oz (85 g)	-	15 oz (425 g)	2.5 oz (71 g)
	1 year	1 year	1 year	1 year	1 Year	1 year

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